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Claims 2-17 are pending in the instant application after this amendment cancels claim 1 and adds new claims 14-17. Claims 2, 4, 6, 8, 9, and 12, and the Specification are amended by this amendment. The Specification and Claims are amended to change "carrier" and "carriers" to "carry" and "carries", respectively. No new matter is added by the amendments and new claims, which are supported throughout the specification and figures. In view of the amendments and the following remarks, reconsideration and allowance of the instant application are respectfully requested.

Claims 1-13 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Examiner asserts that it is unclear in claim 1 whether "a carrier transfer path", in line 7, and "a plurality of converters", in line 8, are elements of the "high speed adder". Applicants respectfully traverse and submit that the amendment to claim 2, which adds the features of claim 1 with corrections of typographic errors, also clarifies that the high speed adder *includes* the carrier transfer path and the plurality of converters. It is therefore respectfully submitted that the amended claims are allowable.

Claim 2 is amended into independent form, and therefore since no prior art rejection is presented against claim 2, it is respectfully submitted that claim 2 and its dependent claims are in condition for allowance.

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by United States Patent No. 6,134,576 to Hossain et. al. (hereinafter referred to as Hossain). With the cancellation of claim 1, this rejection is obviated.

New claims 14-17 recite features not disclosed or suggested in any of the prior art references, and therefore for at least this reason these claims are also allowable.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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